

# Saumya Bhatt

## Backend Software Engineer

[saumya.bhatt10@gmail.com](mailto:saumya.bhatt10@gmail.com) | [LinkedIn](#) | [Medium](#) | [Website](#)

### EDUCATION

---

#### **BITS Pilani, Goa Campus**

*B.E. Electronics and Electrical Engineering*

*July 2018 - August 2022*

- CGPA: 6.95
- Instructor for Introduction to Block-chain and Crypto-currencies course.
- Outreach Coordinator for student-run RnD Lab called Sandbox.

### EXPERIENCE

---

#### **SDE 1**

*Porter Logistics*

*July 2022 - Present*

*Bengaluru, Karnataka*

- Built various use-cases in the payments microservice, adhering to SOLID design patterns, which currently processes 1 Lakh transactions in a month.
- Built routing logic such as switching between different PGs based on region and customer pattern in real-time.
- Managed to bring the uptime of the said microservice from 80% to 99%.
- Built retry and fallback logic into the service to bring the payment success rate from 64% to 84%.

#### **SDE Intern**

*Nucleus Software*

*July 2021 - December 2021*

*Greater Noida*

- Developed a customer classification and visualization dashboard for banks to gain insights from.
- Built a three-way system which included a K-means clustering algorithm to classify dataset, Spring Boot-based web-server to relay that data from Elasticsearch database to a frontend built in ReactJS.

#### **Summer Intern**

*CSIR - National Institute of Oceanography*

*August 2020 - October 2020*

*Panjim, Goa*

- Created a web-based dashboard to manage and communicate with 25 marine robots in real time.
- Included ability to track location using image rasterization and stream camera feed in near-real time using OpenCV, WebSockets, and RTSP Protocols

### PROJECTS

---

**MBTS Movie API** | *NodeJS, ExpressJS, NoSQL Database*

*June 2021 – December 2021*

- Returns movie information masked according to 5 user-defined roles using custom authentication and token system.

**Fullstack Twitter Clone** | *Flask (python), MySQL*

*June 2020 – December 2020*

- Included user authentication, cookie, and session management system with CRUD abilities based on user roles.

**Local Chat Room** | *Javascript, MySQL*

*May 2020 – June 2020*

- Near-Real time updating multi-user chat room which could be hosted locally on an Apache Server..

### TECHNICAL SKILLS

---

**Languages:** Kotlin, Java, Python, Javascript, C++, HTML, CSS

**Frameworks:** Ktor, Spring Boot, NodeJS, ExpressJS, Flask, Django, ReactJS

**Databases:** PostgreSQL, MySQL, MongoDB, Redis, Elastic Search

**Developer Tools:** AWS, Terraform, Docker, Firebase, Heroku, Git

### CERTIFICATES

---

**Network Management**

*October 2020*

*Nettech Private Limited*

- 2-week long workshop on computer networks and simulating internet actors using Cisco Packet Manager.